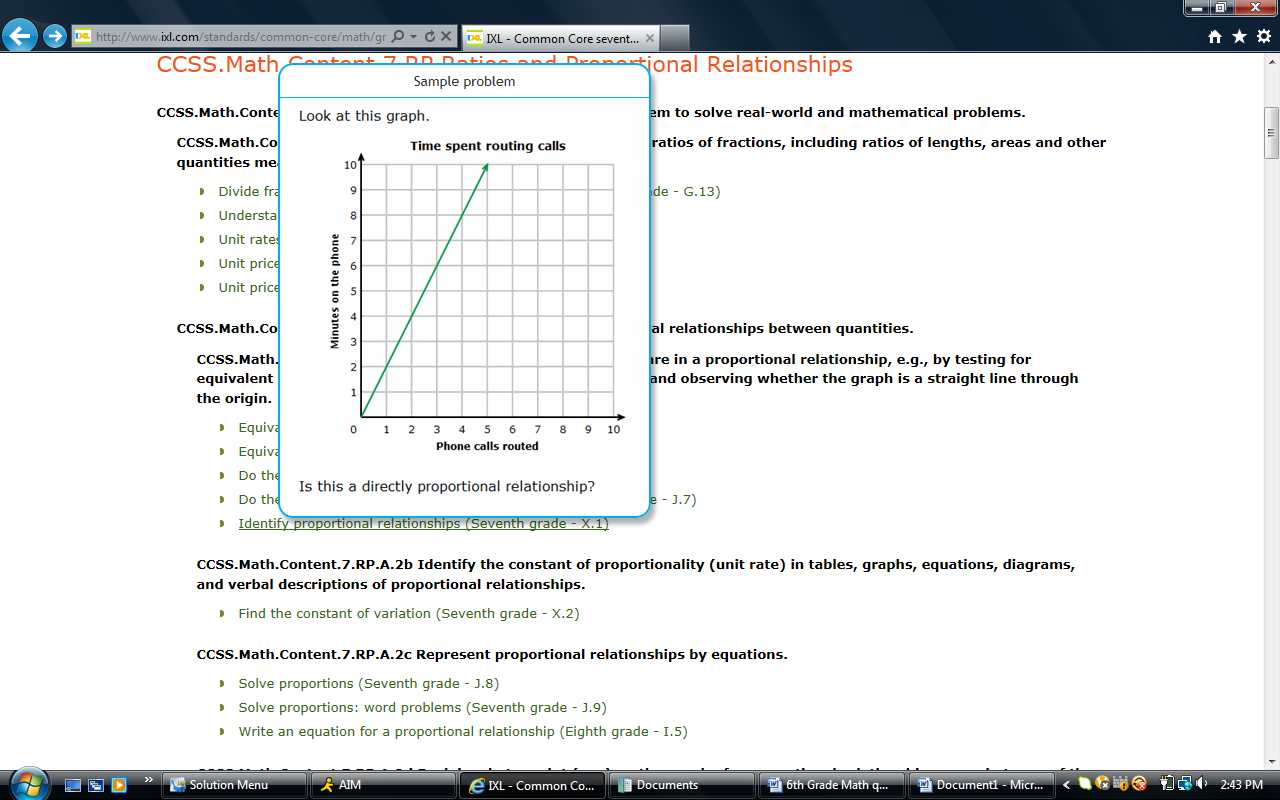
**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Honors Algebra I**

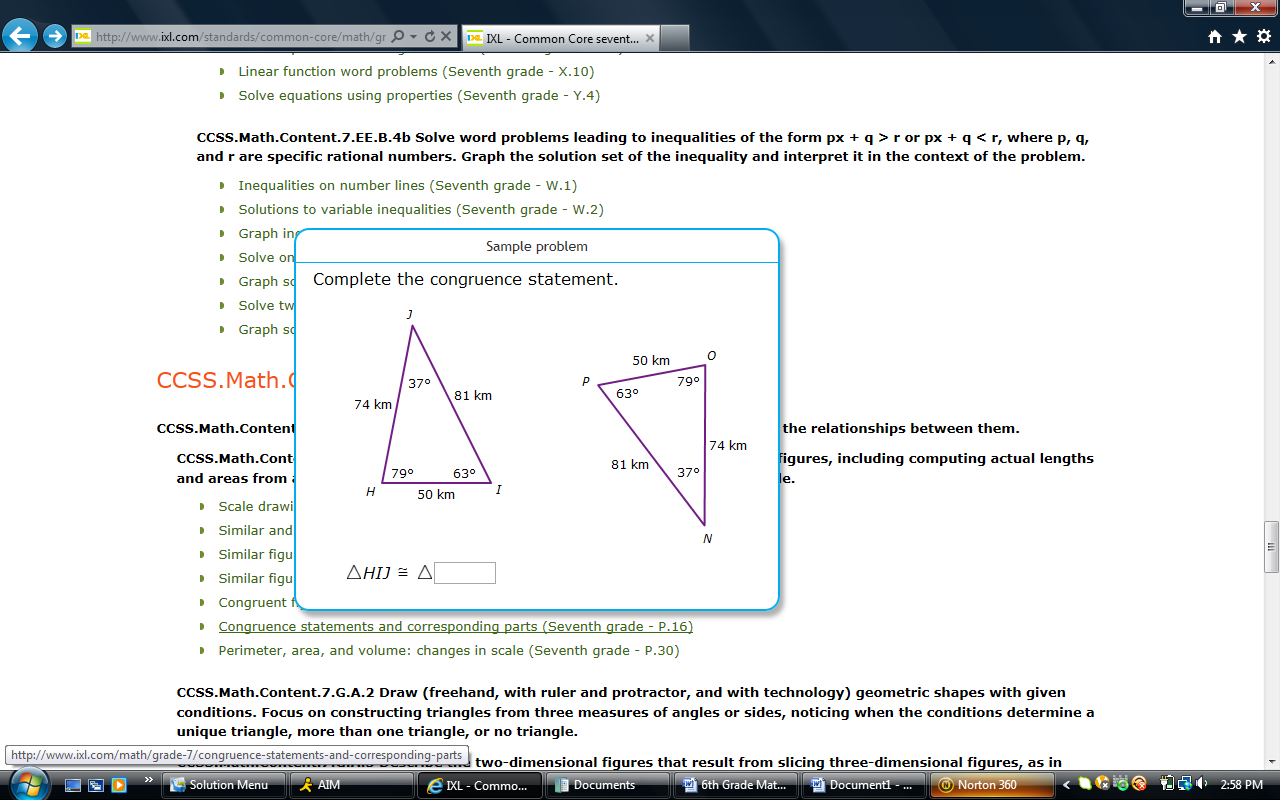
**The following problems are due Monday, September 22th. You may use any resource to solve these problems except if that resource is a person. These are standards that you have been taught in previous years. On Thursday of this week I will set aside 5 minutes to help you with any questions you may have in solving these problems. YOU MUST SHOW ALL WORK!**

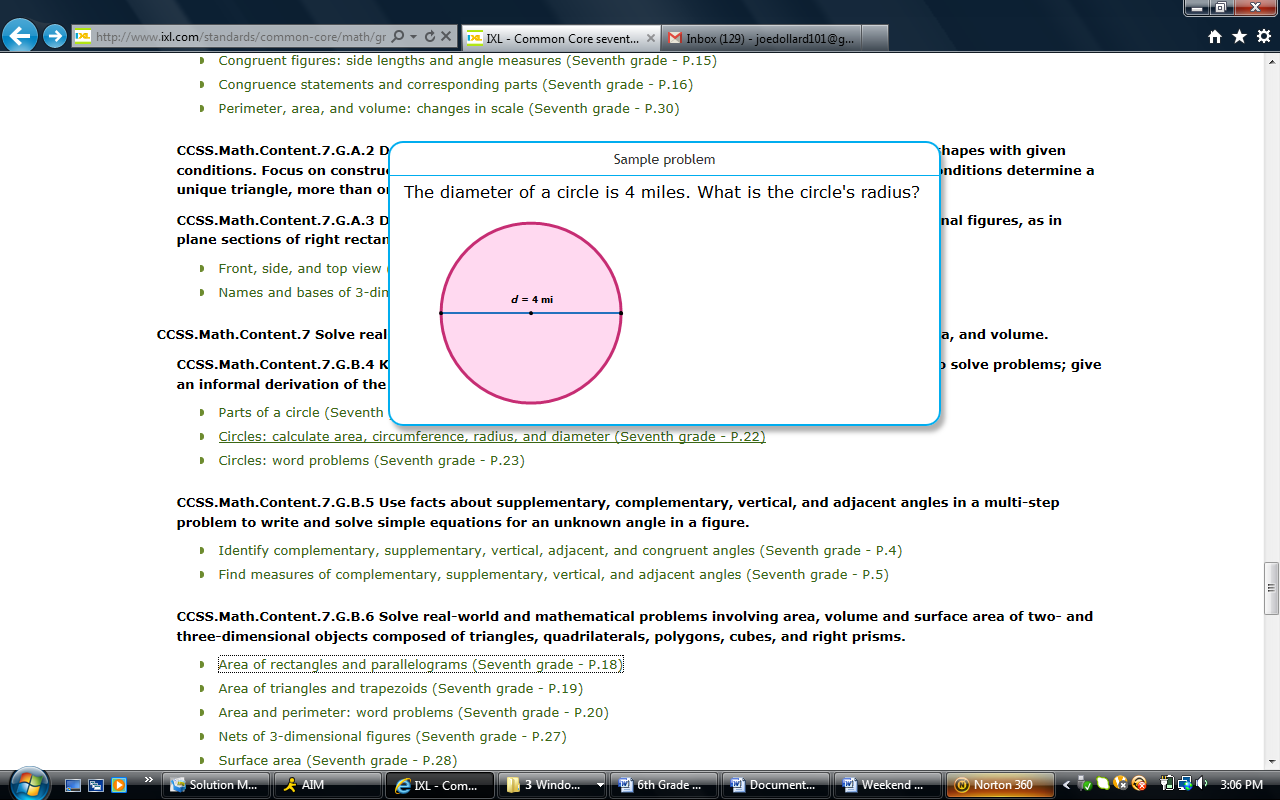
1.) Amanda made of a quart of hot chocolate. Each mug holds of a quart. How many mugs will Amanda be able to fill?

2.) What is the constant of proportionality in the graph below?

3.) Sixty-three out of one hundred and fifty students at the school assembly were girls. What percentage of students were boys at the school assembly?

4.) A two gallon bucket of paint cost $69.60 What is the price per pint?

5.) Complete the congruence statement.

6.) The diameter of a circle is four miles. What is the circumference of the circle? Give exact answer.